

PROGRAMME

OF THE 6th INTERNATIONAL SYMPOSIUM ON MINING AND ENVIRONMENTAL PROTECTION

21.06.2017 WEDNESDAY

15-00 -19.00	Arrival and Registration of Participants
19.00	Welcome Cocktail

22.06.2017 THURSDAY

08.00-10.00	Arrival and Registration of Participants
10.00-11.00	The Opening Ceremony of the Symposium
11.00-14.00	Plenary Lectures

Noam Lior, USA: *Sustainable Energy Development: The present (2017) Situation, Recent Critical Changes, and Possible Future Paths*

Myaskov A.V., Gonchar A.A., Shmelev V.S., RUSSIA: *Activities to Conserve Biodiversity and Maintain Natural Ecosystems and the Criterial Basis for their Assessment*

Predrag Dašić, Jovan Dašić, Bojan Crvenković, SERBIA: *Cloud-Based Video-Surveillance for Increasing Reliability and Security in Mining*

Vesna Karović Maričić, Branko Leković, Dušan Danilović, SERBIA: *Sustainable Development in Oil Sector of the Republic of Serbia*

Branko Gluščević, Čedomir Beljić, Suzana Lutovac, SERBIA: *Exploitation of Small Deposits as a Part of Sustainable Development*

Drago Potočnik, Aleš Lamot, Janez Rošer, Milivoj Vulić, SLOVENIA: *Subsidence Monitoring Above Longwall "-80C" of Velenje Coal Mine Using Various Surveying Methods*

Michal Cehlár, Zuzana Šimková, SLOVAKIA: *Necessary Aspects of Raw Material Policy as a Strategic Document Also From the View of European Union*

14.00-16.00	Lunch Break
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16.00-19.00	First Working session
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Mikhail Griyzev, Nikolai Kachurin, Maxim Zmeev, RUSSIA: *Forecasting Pollution of Atmosphere by Coal Mines and Distributing Resources for Prophylactic Measures*

Nikolai Kachurin, Anatolyi Ermakov, Alexander Kachurin, RUSSIA: *Methane Emission from Coal Bed Opened Surfaces Into Development Workings and Production Faces by Extraction of Medium Thickness Beds*

Zoran Despodov, Stojance Mijalkovski, Vancho Adjiski, Mitko Kostov, MACEDONIA: *Waste Management Plan Generated from Mining Activities in the Mine for Production of Lead and Zinc "Toranica" - Kriva Palanka*

Stojance Mijalkovski, Zoran Despodov, Vancho Adjiski, Dimitar Stefanovski, MACEDONIA: *Plan for Waste Management in the Mine for Production of Lead and Zinc "Zletovo" – Probishtip*

Dejan Mirakovski, Marija Hadzi-Nikolova, Nikolinka Doneva, Andrej Kepeski, MACEDONIA: *Miners Personal Noise Exposure in Metal and Non-Metal Mines in Macedonia*

Nikolinka Doneva, Zoran Despodov, Dejan Mirakovski, Marija Hadzi-Nikolova, Dejan Ivanovski, MACEDONIA: *Quality and Efficiency of Horizontal Mining Facilities Construction Using Smooth Blasting in Sasa Mine Macedonia*

Gabriel Fedorko, Jozef Stolarik, Vladimir Malbašić, Ivica Ristic, SLOVAKIA, REPUBLIC OF SRPSKA BOSNIA AND HERZEGOVINA, SERBIA: *Creation of Calculation and Simulation Model of a System Ropecon*

Peter Michalik, Michal Hatala, Dušan Mital, SLOVAKIA: *Intelligently Programming of the Grooves Production on the External Cylindrical Surfaces for the Leadwell T5 CNC Lathe*

Vieroslav Molnár, Róbert Varga, SLOVAKIA: *Design Concept of the Drive for Variable Pipe Conveyor*

Nikoleta Mikušová, SLOVAKIA: *Design of a Handbook for Implementation of Eco-Logistics in Enterprises*

Nikoleta Mikušová, Eva Tomková, SLOVAKIA: *Environmental Audit—An Effective Tool of Environmental Protection*

Nikoleta Mikušová, SLOVAKIA: *Use of Heuristics Methods of Decision Making for Solution of Waste Management*

Janez Rošer, Drago Potočnik, Milivoj Vulić, SLOVENIA: *Analysing the Dynamic Subsidence Produced by Longwall Coal Mining in Velenje Coal Mine Through Surrogate of Logistic Function*

19.00	Poster Section
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Aleksandra Šaponjić, Maja Kokunešoski, Ivana Perović, Marina Vuković, Đorđe Šaponjić, Vladimir Nikolić, Milica Marčeta Kaninski, SERBIA: *Co/Mo Bimetallic Carbides with Potential Applications as Catalyst Support in Pem Fuel Cells - Synthesis and Characterization*

Maja Kokunešoski, Aleksandra Šaponjić, Miroslav Stanković, Marina Vuković, Jelena Majstorović, Dragana Jordanov, Milica Marčeta Kaninski, SERBIA: *Porous Ceramics Based on Natural Mineral Sources*

23.06.2017 FRIDAY

09.00-13.00

Second Working session

Ljiljana Takić, Bratislav Todorović, Nataša Elezović, Aleksandar Zdravković, SERBIA: *Assessment of Water Quality and Correlation Analysis: A Case Study of Ibar River (Serbia)*

Nataša Elezović, Jelena Rajović, Slobodan Zlatković, Predrag Jovanić, SERBIA: *Risk Analysis in the Application of Remediation Technologies in Treatment of Sediment on Bovan Reservoir*

Vladimir Malbašić, Lazar Stojanović, REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA: *Determination of Seismic Safety Zones During the Surface Mining Operation Development in the Case of Open Pit "Buvač"*

Ljiljana Tankosić, Pavle Tančić, Svjetlana Sredić, Zoran Nedić, REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA: *Characterization of the sludge generated during the processing of iron ore in Omarska mine*

Dragana Jelisavac Erdeljan, Vukašin Vučević, SERBIA: *Summary of the Objectives and Expected Results of the Project Cadastre of Mining Waste*

Cvjetko Stojanović, Biljana Borović, Radivoje Kerović, REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA: *EU Directives on the limitation of emissions of pollutants and their effect on the further work of thermal power plants in Bosnia and Herzegovina*

Bogoljub Vučković, Milovan Rakijaš, Hranislav Stojković, Jovan Vučković, SERBIA: *Comparison of Geothermal Energy Potential in Kolubara Coal Basin with Lignite vol. V - Energy Value and Previous Geological Considerations*

Dejan Stevanovic, Mirjana Bankovic, Veljko Rugar, Vladimir Milisavljevic, Aleksandar Cvjetic, Daniel Kržanović, SERBIA: *Waste Dump Design Optimization, Case Study Open Pit Drmno*

Radša Djurić, Zoran Milošević, Miroslav Črnčević, SERBIA: *Rationalization of Usage and Maintenance of the Auxiliary Mechanization in the Open Pit „Drmno“ in the Branch "TE-KO Kostolac" in the Period from 2005 to 2015*

Boris Vakanjac, Sanaa Masod Abdulqader, Jovan Kovačević, Zorana Naumović, Nevena Zdjelarević, SERBIA: *Radioactivity of Characteristic Uranium-Bearing Geologic Units of Mt. Stara Planina*

Ana Koprivica, Čedomir Beljić, Boris Vakanjac, Vesna Ristić Vakanjac, SERBIA: *Concentrations of Toxic Metals Pb and Cd in Foodstuffs of Plant Origin: Case Study of the Village of Baroševac, Serbia*

Snežana Aleksandrović, Predrag Jovančić, Ilija Jeftenić, SERBIA: *Rationalization of Electrical Energy Consumption in Mining Plants*

Milan Crnomarković, Marija Živković, SERBIA: *Ecological Effects of Usage of Municipal Solid Waste for Energy Purpose*

Dejan Ivezić, Marija Živković, Aleksandar Madžarević, Miloš Tanasijević, Milica Ivić, SERBIA: *Energy Efficiency Policy Instruments in Serbia as Tools for Environmental Protection*

Jovana Popović, Marija Živković, SERBIA: *Green House Gases Inventory from Direct Energy Related Emissions in Serbia*

Dragana Savić, Dejan Živković, Dejan Milošević, Darjan Kundačina, SERBIA: *Importance of Laboratory Testing and Characteristics of Mineral Resources for Environmental and Arable Land Protection on OP Drmno in 2016*

Titomir Obradović, Radmila Šerović, Sabina Ivanović, Dragana Jelesić, Siniša Stojković, SERBIA: *Management of Mining Waste*

Milovan Rakijaš, Selena Rakijaš, Miloš Rakijaš, Bogoljub Vučković, SERBIA: *Unsanitary Municipal Landfill in Serbia - Landfill Hazardous Waste and Their Impact on the Environment*

Milovan Rakijaš, Selena Rakijaš, Miloš Rakijaš, SERBIA: *The Role of Geology in the Management of Radioactive Waste*

Milorad Stojanović, Jadranka Vukašinović, Nebojša Todorović, SERBIA: *Identification and Criteria for the Evaluation of Environmental Aspects*

Milorad Stojanović, Novica Momčilović, Momčilo Radovanović, SERBIA: *Analysis Legal Obligations in Managing Construction Waste in Serbia and in the Region*

Milorad Stojanović, Ivan Pantelić, Milena Aleksić, SERBIA: *Management of Hazardous Substances*

13.00-15.00	Lunch Break
15.00-18.00	Third Working session

Jelena Djokic, Srdjan Jovic, Nebojsa Arsic, Obrad Anicic, SERBIA: *Energy Efficiency Measures and Sustainable Development*

Jovana Galjak, Jelena Đokić, Gordana Milentijević, Irma Dervisevic, Snežana Pavlovic, SERBIA: *Characterization of the Tailing Waste Deposit Gornje Polje*

Jelisaveta Marjanovic, Snezana Pavlovic, Jelena Djokic, SERBIA: *Multi Criteria Analysis in Process of Location Selection for Waste Water Treatment Plant*

Suzana Lutovac, Branko Gluščević, Rade Tokalić, Jelena Majstorović, Čedomir Beljić, SERBIA: *Analysis of Method for Determination of the Rock Mass Oscillation Equation Parameters in the Nepričava Open Pit*

Zoran Golubović, Slobodan Makragić, SERBIA: *Simulation of the Bucket-Wheel Excavator Digging Process and Optimal Reconstruction Solutions*

Ivana Filipović, SERBIA: *Investigation of the Influence of Structural Parameters of Pipe Conveyors*

Radule Tošović, SERBIA: *Some Aspects of Commercial and National Profitability of Mineral Resources in Conditions of Sustainable Development*

Aleksandar Cvjetić, Nikola Lilić, Vladimir Milisavljević, Uroš Pantelić, SERBIA: *Environmental Noise Management in Serbian Open Pit Mines*

Milena Lekić, Luka Crnogorac, Uroš Pantelić, Zoran Nikić, SERBIA: *Possibility of Application of Phytoremediation in Mining*

Ivana Filipović, Mila Stanisavljević, Jelena Milojević, SERBIA: *Utilization of Pipe Conveyors*

Milena Lekić, Dejan Bojović, Vasilije Gašić, Ristovic Ivica, SERBIA: *Demolition and Building Waste As a Resource*

Natalija Pavlović, Tomislav Šubaranovic, SERBIA: *Technological Solution for Reclamation of Ugljevik East 1 Opencast Mine and Inside Dump in the First Phase of Exploitation*

Tomislav Šubaranović, Branko Petrović, Vladimir Ivoš, Ivica Ristović, SERBIA: *Technical Solution for Reclamation of the Trachyte Open Pit Mine Kišnjeva Glava at Fruška Gora*

Bojan Dimitrijević, Vladimir Čebašek, Saša Ilić, Jelena Majstorović, Ivan Janković, SERBIA: *Decision Making Process in the Selection Recultivation Open Pit Mine and Landfills*

Milan Kragović, Snežana Pašalić, Miloš Ćirić, Marija Marković, Jelena Petrović, Marija Stojmenović, Ivica Ristović, SERBIA: *Removal of Heavy Metals from Aqueous Solutions by Using Natural and Fe(III)-Modified Zeolite-Alginate Composites*

18.00-19.00	Round table: "Circular Economy"
19.00-20.00	Workshop: "Comparing Educational Results with Focusing on Experimental Form of Learning"
20.00-20.30	Closing Session
20.30	Official Dinner

24.06.2017 SATURDAY

10.00-13.00	Excursions
13.00-15.00	Lunch
15.00	Departure of participants